

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier version and listings.

1. - 10. (Canceled).

11. (Currently Amended) An image processing method comprising the steps of:

determining whether or not input image data represents an image of a person as a subject of the image;

selecting a color space conversion condition from among plural color space conversion conditions, including first and second color space conversion conditions, in accordance with the determination result obtained in said determining step; and

performing the color space conversion on the input image data, by using the selected color space conversion condition,

wherein a first color space corresponding to the first color space conversion condition is different from a second color space corresponding to the second color space conversion condition, [[a]] the second color space corresponding to the second color space conversion condition has a color gamut wider than [[a]] the first color space corresponding to the first color space conversion condition,

wherein, in a case where it is determined that the input image data represents the image of the person as the subject of the image, the first color space conversion condition is selected, and

wherein the number of bits of the image data converted by using the first color space conversion condition is the same as the number of bits of the image data converted by using the second color space conversion condition.

12. (Previously Presented) An image processing method according to Claim 11, wherein a first color space is an sRGB color space.

13. (Canceled)

14. (Previously Presented) An image processing method according to Claim 11, wherein said determining step is performed based on photographing mode information of the input image data.

15. (Previously Presented) An image processing method according to Claim 11, wherein said determining step is performed based on flash information of the input image data.

16. (Previously Presented) An image processing method according to Claim 11, wherein said determining step is performed based on keyword information of the input image data.

17. (Previously Presented) An image processing method according to Claim 16, wherein a face recognition process is performed on the input image data, and said determining step is performed based on a result of the face recognition process.

18. (Previously Presented) An image processing method according to Claim 11, further comprising the step of performing an image correction on the image data that has been subjected to a color space conversion.

19. (Currently Amended) An image processing apparatus comprising:
a determination unit adapted to determine whether or not input image data represents an image of a person as a subject of the image;

a selection unit adapted to select a color space conversion condition from among plural color space conversion conditions, including first and second color space conversion conditions, in accordance with the determination result provided by said determination unit; and

a color space conversion unit adapted to perform the color space conversion on the input image data, by using the selected color space conversion condition,

wherein a first color space corresponding to the first color space conversion condition is different from a second color space corresponding to the second color space conversion, [[a]] the second color space corresponding to the second color space conversion condition has a color gamut wider than [[a]] the first color space corresponding to the first color space conversion condition,

wherein, in a case where it is determined by said determination unit that the input image data represents the image of the person as the subject of the image, the first color space conversion condition is selected,

wherein the number of bits of the image data converted by using the first color space conversion condition is the same as the number of bits of the image data converted by using the second color space conversion condition.

20. (Currently Amended) A computer-readable medium storing computer program code for causing a computer to execute the steps of:

determining whether or not input image data represents an image of a person as a subject of the image;

selecting a color space conversion condition from among plural color space conversion conditions, including first and second color space conversion conditions, in accordance with the determination result obtained in said determining step; and

performing the color space conversion on the input image data, by using the selected color space conversion condition,

wherein a first color space corresponding to the first color space conversion condition is different from a second color space corresponding to the second color space conversion condition, [[a]] the second color space corresponding to the second color space conversion condition has a color gamut wider than [[a]] the first color space corresponding to the first color space conversion condition,

wherein, in a case where it is determined that the input image data represents the image of the person as the subject of the image, the first color space conversion condition is selected, and

wherein the number of bits of the image data converted by using the first color space conversion condition is the same as the number of bits of the image data converted by using the second color space conversion condition.